

ToughRunners

Performing under all Conditions!



- CMOS, Laser and Laser Long Range scan engines available
- Ergonomic torch-shaped design for accurate barcode aiming
- Bluetooth Class 1 (up to 100 m)
- Perfectly suitable for industrial environments:
 IP54 and it resists to multiple drops onto concrete
- Comprehensive scanning indicators: LED, beeper and vibrator
- Battery autonomy: over 15,000 scans
- Xtreme version IP65 available

- Goods in Goods out
- Stock Management
- Inventory Management

ToughRunners Specifications

COMMUNICATION

Bluetooth® 1.2 Class 1 (100m) SPP Profile

SUPPORTED INTERFACES

Plug & Scan RS232, Plug & Scan USB Standard Dongle

USER INTERFACE

1 tricolor LED (green, blue, red) Buzzer (80 dBA) Vibrator

USING MODES

Real Time With or without "No Data Loss" mode (up to 100 UPC barcodes)

Real time clock to timestamp catured data can be activated

READING MODES

Trigger	Possibility to switch ON beam via Bluetooth®

No duplicate scan available function

PHYSICAL

Length	192 mm (7.5 in)	
Width	56 mm (2.2 in)	
Height	49 mm (1,9 in)	
Weight	168 g (6 oz)	

ENVIRONMENT

Operating temperature	0°C - +50°C*	(32°F - +122°F)
Storage temperature	-10°C- +60°C	(+14°F - +140°F)

Shock 10 drops onto concrete (59 in / 1.50 meters)

Sealing IP54 (IP65 for Xtreme version)

Electrostatic discharge 8 kV air discharge and 4 kV of contact discharge

POWER

Battery	1 X 720 mAh Li-ion rechargeable
Autonomy	15,000 scans

CRADDLE

Power supply	4,5V - 5,5 Volts
Voltage	260 mA to 5V

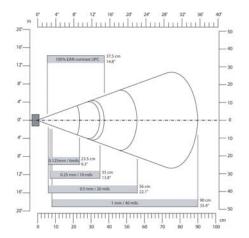
DECODING CAPACITIES

Supported symbologies	Code 2 of 5 (standard and interleaved)
	IATA Code 2 of 5, Codabar/ Monarch, Code 128
	UCC / EAN 128, Code 39, Code 93, UPC-A, UPC-E
	EAN 8/EAN 13, JAN 8/JAN13, ISBN, MSI, PLessey
	GS1-128 (UCC/EAN-128)

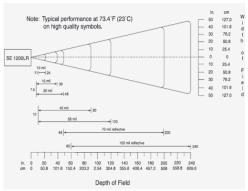
SCAN ENGINE

	BTR-L	BTR-LA	BTR-LR
Reference	EV15 (Intermec)	SE1200HP (Motorola)	SE1200LR (Motorola)
Reading technology	CMOS	Laser	Laser
Reading Distance	10 to 80 cm (4 to 31 in)	10 to 140 cm (4 to 55 in)	25 to 230 cm (10 to 90 in)
Scan rate	200 scans/sec	35 scans/ sec	35 scans/ sec
Scan angle	40°	42°	30°
LIGHT			

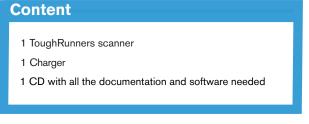
0 to 100,000 lux 4,844 to 86,112 lux 4,844 to 86,112 lux

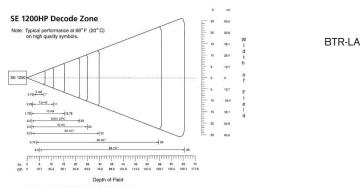


BTR-L



BTR-LR





Available accessory



^{*} Available in Xtreme version (-30°C / -22°F)